In the Specification

Please replace the paragraph at page 8, line 19 with the following amended paragraph:

The venous lumen delivers the treated blood back into the patient's body. The point at which the venous lumen terminates is of sufficient distance from the distal end of the arterial lumen to prevent significant recirculation of dialyzed blood. The venous lumen **20** can include one ~~ore more~~ or more apertures for returning dialyzed blood to the patient (see Figures 4-6). In a preferred embodiment, the distal end **45** of the venous lumen is fused **50** onto the outer surface of the first tubular wall **5** of the arterial lumen **10**.~~lumen 10~~. As illustrated in Figures 4 and 5, the outer surface of the second tubular wall **15** of the venous lumen **20** can include a plurality of apertures in the shape of circles **55** or ovals 60 to provide return of fluid to the patient's body. Alternatively, as illustrated in Figure 6, the outer surface of the second tubular wall **15** of the venous lumen **20** can include a plurality of apertures in the form of slits **65** to disseminate treated fluid back to the patient's body.

Please replace the paragraph at page 9, line 6 with the following amended paragraph:

In accordance with the present invention, the return of blood through the venous lumen allows for high flow/high pressure return of blood proximal to the arterial lumen thereby preventing or reducing the likelihood of fibrin sheath forming around the distal end of the arterial lumen. Reduction in fibrin sheath formation can allow for improved catheter flow and longevity of catheter use. In addition, the decrease in length of the venous ~~venous~~ lumen decreases the pressure within the venous lumen of the subject invention. Thus, the catheter of the subject invention allows for venous lumen pressure that is less than the pressure commonly seen within the venous lumen of non-reverse flow catheters of similar diameter size. Decreased venous lumen pressure allows for more comfortable and less traumatic hemodialysis procedures for the patient.